

 synerzine TM	Title:	W1749 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	02/15/2022

Product Identifiers

Product Name:	PROPIONALDEHYDE
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Synerzine Item #	W1749	CAS #	123-38-6	FEMA #	2923
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Material Properties

Molecular Formula	C3H6O	Flash Point (°F, CC)	-22
Molecular Weight	58.1	Boiling Point	46°C/115°F
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water; soluble in organic solvents.
Storage and Stability	Store in a fully closed container, under inert atmosphere, in refrigerated (< ~5°C/40°F), dry conditions. Stable for years, with slight development of discoloration.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame.

Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Colorless	Pale yellow
Odor	Organoleptic Analysis	None	Cocoa, nutty, whiskey, wine-like	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ °C	0.793	0.806
Refractive Index	Refractometric Analysis	nD20	1.359	1.369

Notes

Also known as propanal

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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